

Medical Care Provider

MC-STCW5

Fall 2024

Class Syllabus

Instructors:

Mr. Greg Folino

Room: TBD



Course Description

Students who take Medical Care Provider will receive advanced anatomy, physiology, first aid, and maritime procedure for individuals who will be first responders on a vessel at sea. Students will also renew their American Red Cross Adult CPR, AED, and First Aid certification.

Learning Objectives

Medical Care Provider is a certificate-bearing class designed to provide the minimum standard of proficiency for persons designated to provide medical first aid on board ship. MMA utilizes the American Red Cross method of CPR and first aid. Students learn how to recognize and approach an emergency, assess the situation, get help, and treat the conditions found at the scene.

STCW Knowledge and Proficiency Requirements

This course meets the requirements for 46 CFR 11.309(a)(4)(i) and the competency requirements of Section A-VI/4-1 of the STCW Code for OICNW, AND 46 CFR 12.13-1 and the competency requirements of Section A-VI/4-1 of the STCW Code for OICEW.

Students must demonstrate proficiency in the following skills:

- Assess and treat life-threatening conditions
- Perform a detailed physical assessment
- Immobilize a victim with a spinal injury
- Immobilize and apply traction a victim with a broken femur
- Immobilize a long bone fracture
- Perform CPR
- Use an AED
- Manage obstructed airway in a conscious victim
- Manage obstructed airway in an unconscious victim

Students must also demonstrate knowledge and understanding of the following STCW elements:

- Ability to take effective action based on such knowledge in the case of accidents or illnesses that are likely to occur on board ship
- Practical application of medical guides and advice by radio,
- Ability to take effective action in the case of accidents or illnesses that are likely to occur on board
- Practical application of medical guides and advice by radio
- Resuscitators
- Basic knowledge of first aid with reference to a Material Safety Data Sheet (MSDS)
- First-aid kit
- Body structure and function
- Toxicological hazards on board
- Use of the Medical First Aid Guide for Use in Accidents Involving Dangerous Goods (MFAG)
- Examination of casualty or patient
- Spinal injuries
- Burns, scalds and effects of heat and cold
- Fractures, dislocations and muscular injuries
- Medical care of rescued persons
- Radio medical advice
- Pharmacology
- Sterilization
- Cardiac arrest, drowning and asphyxia

Topics

- Before Giving Care
- Body Structure and Function
- Positioning of the Casualty
- Cardiac Emergencies, CPR, and AED
- Breathing Emergencies
- First Aid
- Management of Shock
- Rescue and Transport of Casualties
- Onboard and Shore Resources

Materials Needed

All materials will be provided by the course instructor. Students may wish to bring a laptop or other materials for notetaking.

Attendance

Students are required to attend each class. If an absence is necessary, students are required to contact the instructor and plan a make-up.

Grading

Grading is based on attendance and the ability to demonstrate skills. Student attendance at each class is, therefore, mandatory.

Cheating Policy

Students are required to submit individual work except when assigned by the instructor to a group with the intent of fostering teamwork. All assignments, whether individual or group, must reflect an original effort. Work that is not original and/or is derived by other individuals and is not properly credited will result in a failure.

Accommodations

Please inform your instructor by email if you require additional accommodations.

Office Hours

Please contact the instructor, Mr. Greg Folino, directly by email at gfolino@maritime.edu.

Instructor

Mr. Greg Folino
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